AMERICAN JOURNAL OF MATHEMATICS

Founded in 1878 by The Johns Hopkins University

INDEX TO VOLUME 130 2008

PAGE

ABRAMOVICH, DAN, TOM GRABER, and ANGELO VISTOLI. Gromov-Witten theory of Deligne-Mumford stacks 1337

ACHAR, PRAMOD N. and DANIEL S. SAGE. On special pieces, the Springer correspondence, and unipotent characters 1399

ATHANASOPOULOS, I., L. A. CAFFARELLI, and S. SALSA. The structure of the free boundary for lower dimensional obstacle problems 485

BEJENARU, IOAN. On Schrödinger maps 1033

CAFFARELLI, L. A. See ATHANASOPOULOS, I.

CAPORASO, LUCIA. Néron models and compactified Picard schemes over the moduli stack of stable curves 1

CHEN, X. X. and W. Y. HE. On the Calabi flow 539

CHRISTIANSEN, T. Isophasal, isopolar, and isospectral Schrödinger operators and elementary complex analysis 49

COJOCARU, ALINA CARMEN and CHANTAL DAVID. Frobenius fields for elliptic curves 1535

CONANT, JAMES. Homotopy approximations to the space of knots, Feynman diagrams, and a conjecture of Scannell and Sinha 341

CRAW, ALASTAIR and GREGORY G. SMITH. Projective toric varieties as fine moduli spaces of quiver representations 1509

CUKIERMAN, FERNANDO, and JORGE VITÓRIO PEREIRA. Stability of holomorphic foliations with split tangent sheaf 413

DANIELLI, D., N. GAROFALO, and D. M. NHIEU. A notable family of entire intrinsic minimal graphs in the Heisenberg group which are not perimeter minimizing 317

DAVID, CHANTAL. See COJOCARU, ALINA CARMEN

de THÉLIN, HENRY. Un critère de laminarité locale en dimension quelconque .. 187

DEGTYAREV, ALEX, ILIA ITENBERG, and VIATCHESLAV KHARLAMOV. On deformation types of real elliptic surfaces 1561

DUJARDIN, ROMAIN and CHARLES FAVRE. Distribution of rational maps with a preperiodic critical point 979

FARB, BENSON, CHRISTOPHER J. LEININGER, and DAN MARGALIT. The lower central series and pseudo-Anosov dilatations 799

FAVRE, CHARLES. See DUJARDIN, ROMAIN

FRIEDL, STEFAN, and STEFANO VIDUSSI. Twisted Alexander polynomials and symplectic structures 455

GAROFALO, N. See DANIELLI, D.

GHIGGINI, PAOLO. Knot Floer homology detects genus-one fibred knots..... 1151

GONZÁLEZ-DIEZ, GABINO. Belyi's theorem for complex surfaces..... 59

GRABER, TOM. See ABRAMOVICH, DAN

HAGLUND, J., M. HAIMAN, and N. LOEHR. A combinatorial formula for non-symmetric Macdonald polynomials..... 359

HAIMAN, M. See HAGLUND, J.

HAMBLEN, SPENCER and RAVI RAMAKRISHNA. Deformations of certain reducible Galois representations, II..... 913

HASSETT, BRENDAN and YURI TSCHINKEL. Potential density of rational points for K3 surfaces over function fields..... 1263

HE, W. Y. See CHEN, X. X.

HEDDEN, MATTHEW and PHILIP ORDING. The Ozsváth-Szabó and Rasmussen concordance invariants are not equal..... 441

ICHINO, ATSUSHI and TAMOTSU IKEDA. On Maass lifts and the central critical values of triple product L-functions..... 75

IKEDA, TAMOTSU. See ICHINO, ATSUSHI

ILIEV, ATANAS and LAURENT MANIVEL. Cubic hypersurfaces and integrable systems..... 1445

IM, BO-HAE and MICHAEL LARSEN. Abelian varieties over cyclic fields..... 1195

ITENBERG, ILIA. See DEGTYAREV, ALEX

IYAMA, OSAMU and IDUN REITEN. Fomin-Zelevinsky mutation and tilting modules over Calabi-Yau algebras..... 1087

KASHIO, TOMOKAZU and HIROYUKI YOSHIDA. On p-adic absolute CM-periods, I..... 1629

KASHIWARA, MASAKI and PIERRE SCHAPIRA. Constructibility and duality for simple holonomic modules on complex symplectic manifolds..... 207

KAWAGUCHI, SHU. Projective surface automorphisms of positive topological entropy from an arithmetic viewpoint..... 159

KEELER, DENNIS S. Fujita's conjecture and Frobenius amplitude..... 1327

KHARLAMOV, VIATCHESLAV. See DEGTYAREV, ALEX

KOZLOV, DMITRY N. Cohomology of colorings of cycles..... 829

LAMEL, BERNHARD, NORDINE MIR, and DMITRI ZAITSEV. Lie group structures on automorphism groups of real-analytic CR manifolds..... 1709

LARSEN, MICHAEL. See IM, BO-HAE

LEE, SANGHYUK and ANA VARGAS. Sharp null form estimates for the wave equation..... 1279

LEININGER, CHRISTOPHER J. See FARB, BENSON

LINDBLAD, HANS. Global solutions of quasilinear wave equations..... 115

LIU, FU and BRIAN OSSERMAN. The irreducibility of certain pure-cycle Hurwitz spaces..... 1687

LOEHR, N. See HAGLUND, J.

LOKE, HUNG YEAN and GORDAN SAVIN. The smallest representations of non-linear covers of odd orthogonal groups..... 763

MAINARDI, FABIO. On the main conjecture for CM fields..... 499

MANIVEL, LAURENT. See ILIEV, ATANAS

MANTUANO, TATIANA. Discretization of Riemannian manifolds applied to the Hodge Laplacian 1477

MARGALIT, DAN. See FARB, BENSON

MERLE, FRANK and PIERRE RAPHAËL. Blow up of the critical norm for some radial L^2 super critical nonlinear Schrödinger equations 945

MIR, NORDINE. See LAMEL, BERNHARD

MOLINET, LUC. Global well-posedness in L^2 for the periodic Benjamin-Ono equation 635

NHIEU, D. M. See DANIELLI, D.

NIE, ZHAOHU. Karoubi's construction for motivic cohomology operations 713

ORDING, PHILIP. See HEDDEN, MATTHEW

OSSERMAN, BRIAN. See LIU, FU

PASKUNAS, VYTAUTAS and SHAUN STEVENS. On the realization of maximal simple types and epsilon factors of pairs 1211

PEREIRA, JORGE VITÓRIO. See CUKIERMAN, FERNANDO

PHONG, D. H., JIAN SONG, JACOB STURM, and BEN WEINKOVE. The Moser-Trudinger inequality on Kähler-Einstein manifolds 1067

RAJALA, KAI. Radial limits of quasiregular local homeomorphisms 269

RAMAKRISHNA, RAVI. See HAMBLEN, SPENCER

RAPHAËL, PIERRE. See MERLE, FRANK

REITEN, IDUN. See IYAMA, OSAMU

ROSE, MICHAEL A. A reconstruction theorem for genus zero Gromov-Witten invariants of stacks 1427

SAGE, DANIEL S. See ACHAR, PRAMOD N.

SALSA, S. See ATHANASOPOULOS, I.

SAVIN, GORDAN. See LOKE, HUNG YEAN

SCHAPIRA, PIERRE. See KASHIWARA, MASAKI

SHIMURA, GORO. Classification of integer-valued symmetric forms 685

SMITH, GREGORY G. See CRAW, ALASTAIR

SONG, JIAN. See PHONG, D. H.

STEFANOV, PLAMEN and GUNTHER UHLMANN. Integral geometry of tensor fields on a class of non-simple Riemannian manifolds 239

STEVENS, SHAUN. See PASKUNAS, VYTAUTAS

STURM, JACOB. See PHONG, D. H.

TATARU, DANIEL. Parametrices and dispersive estimates for Schrödinger operators with variable coefficients 571

TAN, SER PEOW, YAN LOI WONG, and YING ZHANG. End Invariants for SL(2,$\mathbb{C}$) characters of the one-holed torus 385

TSCHINKEL, YURI. See HASSETT, BRENDAN

TYMOCZKO, JULIANNA S. Permutation representations on Schubert varieties 1171

UHLMANN, GUNTHER. See STEFANOV, PLAMEN

VARGAS, ANA. See LEE, SANGHYUK

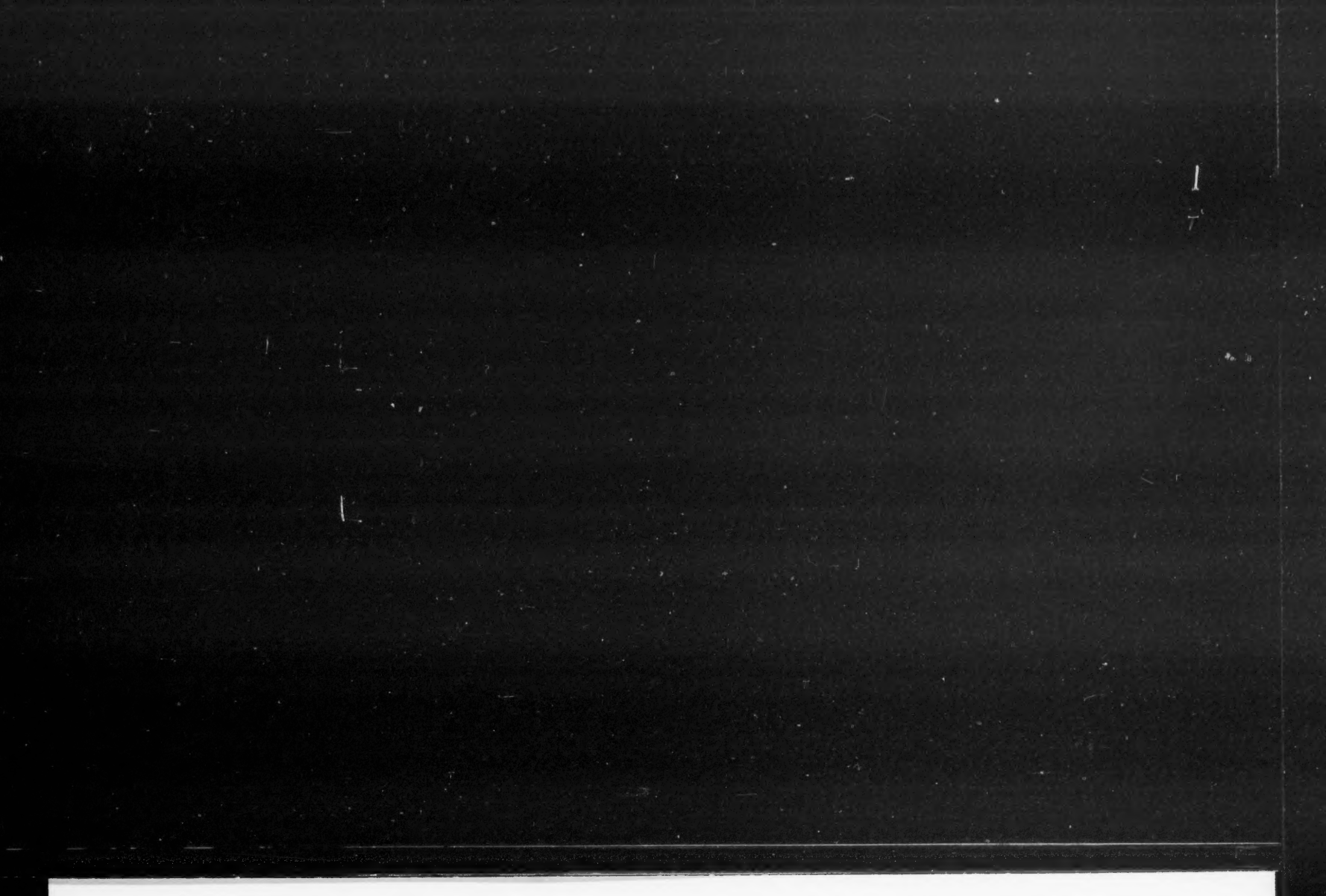
VAROLIN, DROR. Geometry of Hermitian algebraic functions. Quotients of squared norms 291

VIDUSSI, STEFAN. See FRIEDL, STEFANO

VISTOLI, ANGELO. See ABRAMOVICH, DAN
WEINKOVE, BEN. See PHONG, D. H.
WONG, YAN LOI. See TAN, SER PEOW
YOSHIDA, HIROYUKI. See KASHIO, TOMOKAZU
ZAITSEV, DMITRI. See LAMEL, BERNHARD
ZHANG, YING. See TAN, SER PEOW
ZUCKER, STEVEN. On the reductive Borel-Serre compactification, II: Excentric quotients and least common modifications 859

STATEMENT OF OWNERSHIP,
MANAGEMENT, AND CIRCULATION, 10/1/08

Title: *American Journal of Mathematics*. Pub. No. 0002-9327. Frequency: Bimonthly. Six issues published annually. Subscription price: $350.00 institutions, $100.00 individuals. Location of office of publication: The Johns Hopkins University Press, 2715 N. Charles Street, Baltimore, MD 21218. Headquarters of publishers: Same. Publisher: The Johns Hopkins University Press, 2715 N. Charles Street, Baltimore, MD 21218. Editor: Christopher Sogge, Dept. of Mathematics, Johns Hopkins University, 3400 N. Charles Street, Baltimore, MD 21218. Owner: The Johns Hopkins University Press, 2715 N. Charles Street, Baltimore, MD 21218. The purpose, function, and nonprofit status of this organization and the exempt status for Federal Income tax purposes have not changed during the preceding 12 months.

Extent and nature of circulation	Av. no. copies each issue preceding 12 months	Actual no. copies single issue pub. nearest to filing date
A. Total no. copies printed	969	944
B. Paid circulation, mail subscriptions	441	452
C. Total paid distribution	694	727
D. Free distribution	41	40
F. Total distribution	735	767
G. Copies not distributed	234	177
H. Total	969	944

I certify that the statements made by me above are correct and complete. William M. Breichner, Journals Publisher.